Pioneer sound.vision.soul

Service Manual

PDP-S38

ORDER NO.
RRV3221

SPEAKER SYSTEM

PDP-S38 XIN/E5

PDP-S38 XIN/CN5

65S

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.

Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 – Proposition 65

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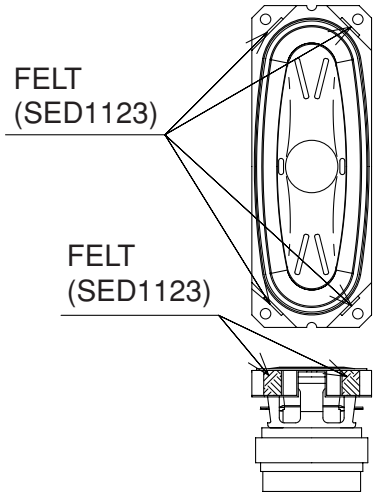
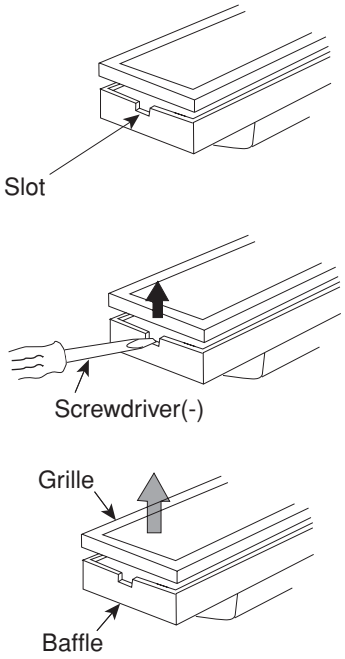
FOR PRECAUTION OF REASSEMBLY AND DISASSEMBLY

- The grille is attached to the baffle using double-sided self-adhesive tape. To avoid damaging the cabinet, work with the speaker on top of a blanket or similar, face the grille upward.
  There is slot in the lower part of the speaker. Insert a screwdriver(-) into slot and push up detach the lower part.
  Taking care not to damage the grille and baffle, lift the grille a little bit at a time with hand.
  When reattaching the grille, use double-sided self-adhesive tape in the locations shown in the diagram and press the grille assy into place.
- The grille is fixed using boss and double-sided self-adhesive tape(The tape is in the locations indicated in the diagram below). Do not use a dryer to heat the self-adhesive tape when removing the grille.
- The woofer is attached to the baffle by 4 internal screws. To detach it, first remove the baffle from cabinet. Then unfasten those screws. When attaching the woofer, face its plus terminal downward.
  When changing it, stick the felt(SED1123 4pcs.) on the specified position of the woofer frame.
- The tweeter is attached to the baffle by 2 internal screws. To detach it, first remove the baffle from cabinet. Then unfasten those screws. When attaching it, face its plus terminal (bigger terminal) rightward.

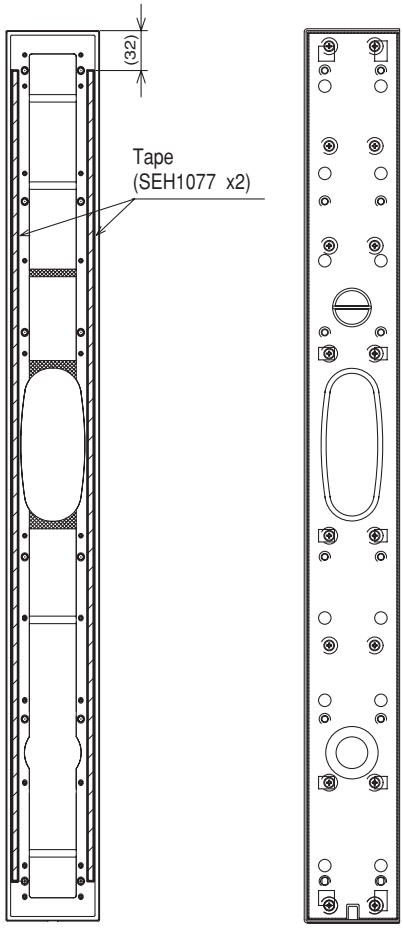
LOCATIONS TO FIX FELT



GRILLE



LOCATIONS TO FIX DOUBLE-SIDED SELF-ADHESIVE TAPE



Grille ASSY
(Back Side)

PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*

Mark	No.	Description	Part No.
NSP		Cabinet	SNK2899
NSP		Baffle R	SNK2897
NSP		Baffle L	SNK2898
		Grille ASSY	SMG1854
NSP		├ Grille Cloth	SAS1598
NSP		├ Felt	SED1124
NSP		├ Felt	SED1125
NSP		├ Grille Frame	SMH1111
NSP		└ Cosmetic Frame	SNK2900
		Network ASSY	SWN1755
for XIN/E5 type			
NSP		Model Label (L)	SAN3748
NSP		Model Label (R)	SAN3749
for XIN/CN type			
NSP		Model Label (L)	SAN3744
NSP		Model Label (R)	SAN3745
NSP		Insert Nut M5	SBN1056
NSP		Packing (BOSS: WF TW)	SEB1244
NSP		Gasket (INP-SIDE)	SEB1255
NSP		Gasket (CAB(UP BOT))	SEB1294
NSP		Gasket (CAB(DUCT-BOT))	SEB1295
NSP		Gasket (CAB(UP WF DUCT-UP))	SEB1296
		Gasket (INP-BACK)	SEC1724
NSP		Gasket (CAB SHORT)	SEC1965
NSP		Gasket (CAB LONG)	SEC1966
NSP		Gasket (CAB BIRI-SHORT)	SEC1967
NSP		Gasket (CAB TW)	SEC1968
NSP		Gasket (G-B BIRI-SHORT UP)	SEC1969
NSP		Gasket (G-B BIRI-LONG)	SEC1970
NSP		Gasket (G-B BIRI-SHORT BOT)	SEC1971
		Gasket (CAB BIRI-LONG)	SEC1972
NSP		Gasket (MDF BAR)	SEC1973
NSP		Felt (CB(INP WF))	SED1113
		Felt (BOSS(WF))	SED1123
NSP		Felt (DUCT)	SED1133
		Tape (CAB(WF-SIDE))	SEH1076
		Tape (GRILLE ASSY)	SEH1077
		Input Terminal	SKX1097
NSP		MDF Bar	SLX1162
NSP		Port Tube Ring 26	SMR1382
NSP		Paper Tube 26	SMR1396
NSP		Acoustic Absorbent (DUCT)	SMT1243
NSP		Acoustic Absorbent (UP UP-B BOT)	SMT1297
NSP		Acoustic Absorbent (UP UP-R WF INP BOT)	SMT1298
NSP		Acoustic Absorbent (DUCT INP-S(ROLL))	SMT1299
NSP		Label Serial (Model Label L,R)	SRW1083
		Speaker (Woofer)	H132DC65-51F
		Speaker (Tweeter)	FK26AP32-51L

For Packing

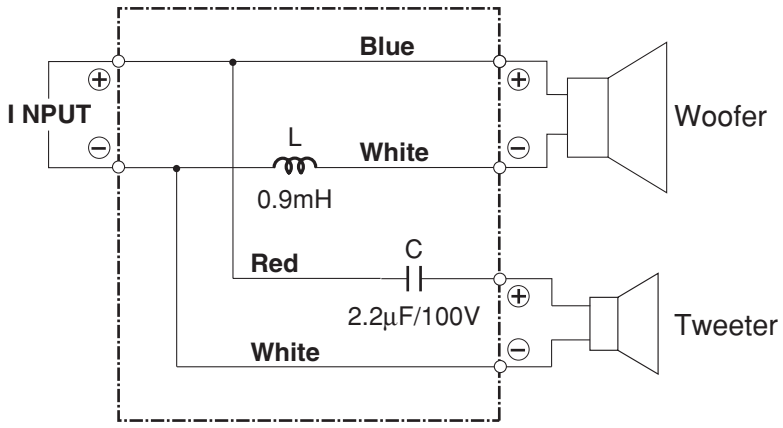
Mark	No.	Description	Part No.
		Gasket Set	SME3674
NSP		├ Gasket	SEC1978
NSP		└ Polyethylene Bag S2	SHL1309
NSP		Accessories Set	SME3676
NSP		├ Polyethylene Bag S1	KHL1079
NSP		├ Screws Set	SME3677
		│ ├ Screw	BMZ50P100FTB
NSP		│ └ Polyethylene Bag S0	KHL1081
		└ Speaker Wire Set	SME3678
NSP		├ Polyethylene Bag S0	KHL1081
NSP		└ Speaker Wire	SDS1189
NSP		Bracket ASSY Set	SME3679
		├ Case	SHA2513
		├ Case	SHA2514
		├ Protection Sheet S1	SHC1831
		├ Protection Sheet	SHC1837
		├ Protection Sheet	SHC1838
		├ Bracket (L-TOP) ASSY	SXG1086
NSP		│ ├ Label (L-TOP)	SAK1016
		│ ├ Gasket	SEC1979
		│ ├ Gasket	SEC1980
NSP		│ ├ Tape	SEH1078
NSP		│ ├ Bracket (L-TOP)	SNA1451
NSP		│ └ Cover L-T	SNN1049
		├ Bracket (L-BOT) ASSY	SXG1087
NSP		│ ├ Label (L-BOTTOM)	SAK1017
		│ ├ Gasket	SEC1979
		│ ├ Gasket	SEC1981
NSP		│ ├ Tape	SEH1078
NSP		│ ├ Bracket (L-BOTTOM)	SNA1452
NSP		│ └ Cover L-B	SNN1050
		├ Bracket (R-TOP) ASSY	SXG1088
NSP		│ ├ Label (R-TOP)	SAK1018
		│ ├ Gasket	SEC1979
		│ ├ Gasket	SEC1980
NSP		│ ├ Tape	SEH1078
NSP		│ ├ Bracket (R-TOP)	SNA1453
NSP		│ └ Cover R-T	SNN1051
		└ Bracket (R-BOT) ASSY	SXG1089
NSP		├ Label (R-BOTTOM)	SAK1019
		├ Gasket	SEC1979
		├ Gasket	SEC1981
NSP		├ Tape	SEH1078
NSP		├ Bracket (R-BOTTOM)	SNA1454
NSP		└ Cover R-B	SNN1052

Mark	No.	Description	Part No.
for XIN/E5 type			
NSP		Instruction Manual Set	SME3675
NSP		├ Polyethylene Bag S2	SHL1309
		└ Owner's Manual (English, French, German, Italian, Duch, Spanish, Chinese)	SRD1294
for XIN/CN5 type			
NSP		Instruction Manual Set	SME3682
NSP		├ Polyethylene Bag S2	SHL1309
		└ Owner's Manual (Chinese)	SRD1301
for XIN/E5 type			
		Packing Case	SHG2680
for XIN/CN5 type			
		Packing Case	SHG2686
		Foam Pad (*)	SHA2512
		Protector (*)	SHB1168
		Protector (*)	SHB1169
		Packing Bag S2	SHL1363
NSP		Label Serial	SRW1087
		Screw (TW)	BPZ30P080FTB
		Screw (WF)	BPZ35P080FTB
		Screw (INP)	BPZ35P140FTB
		Screw (CAB-BAFFLE)	BPZ40P100FTB
		Screw (NW:L)	BPZ40P300FTB

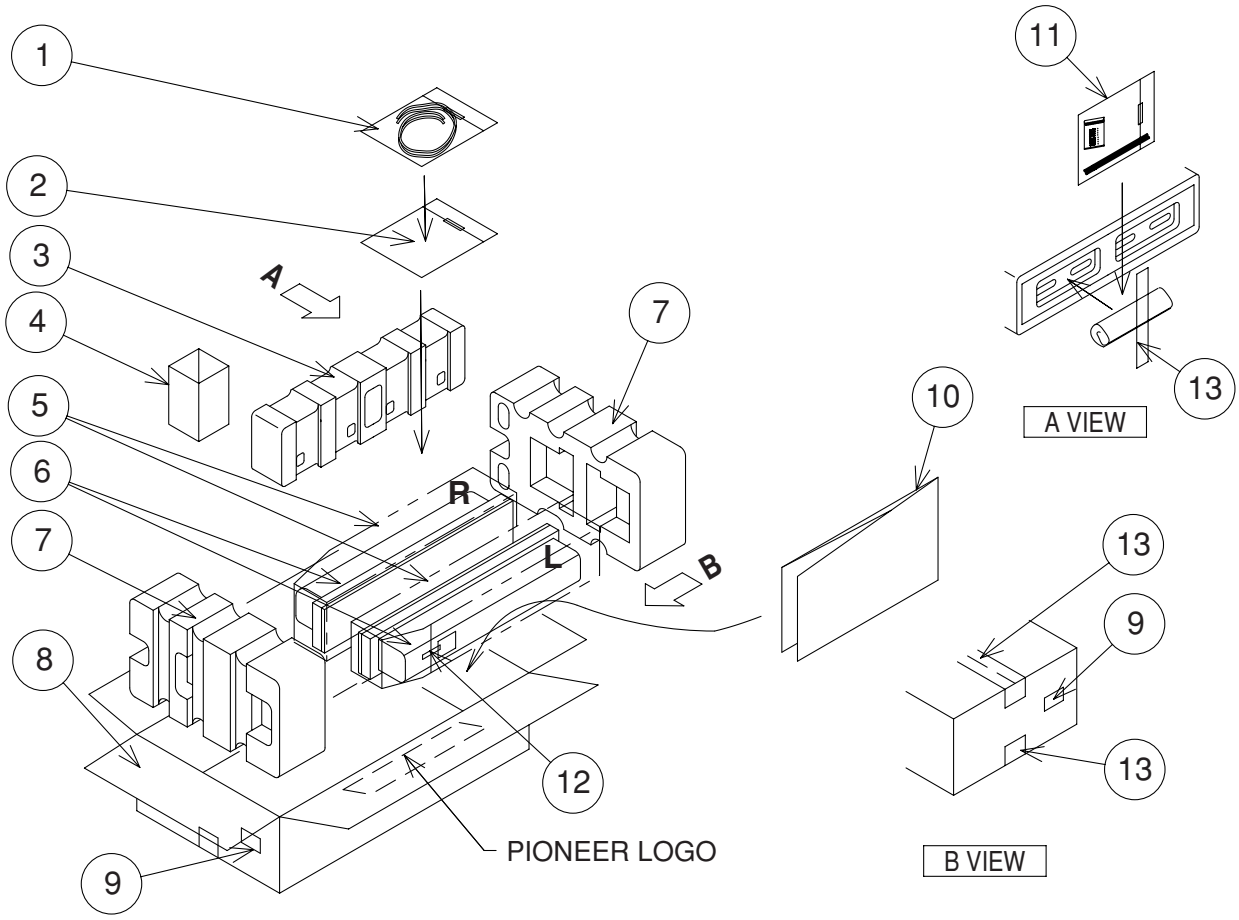
* : Refer to PACKING

SCHEMATIC DIAGRAM

Network ASSY (SWN1755)



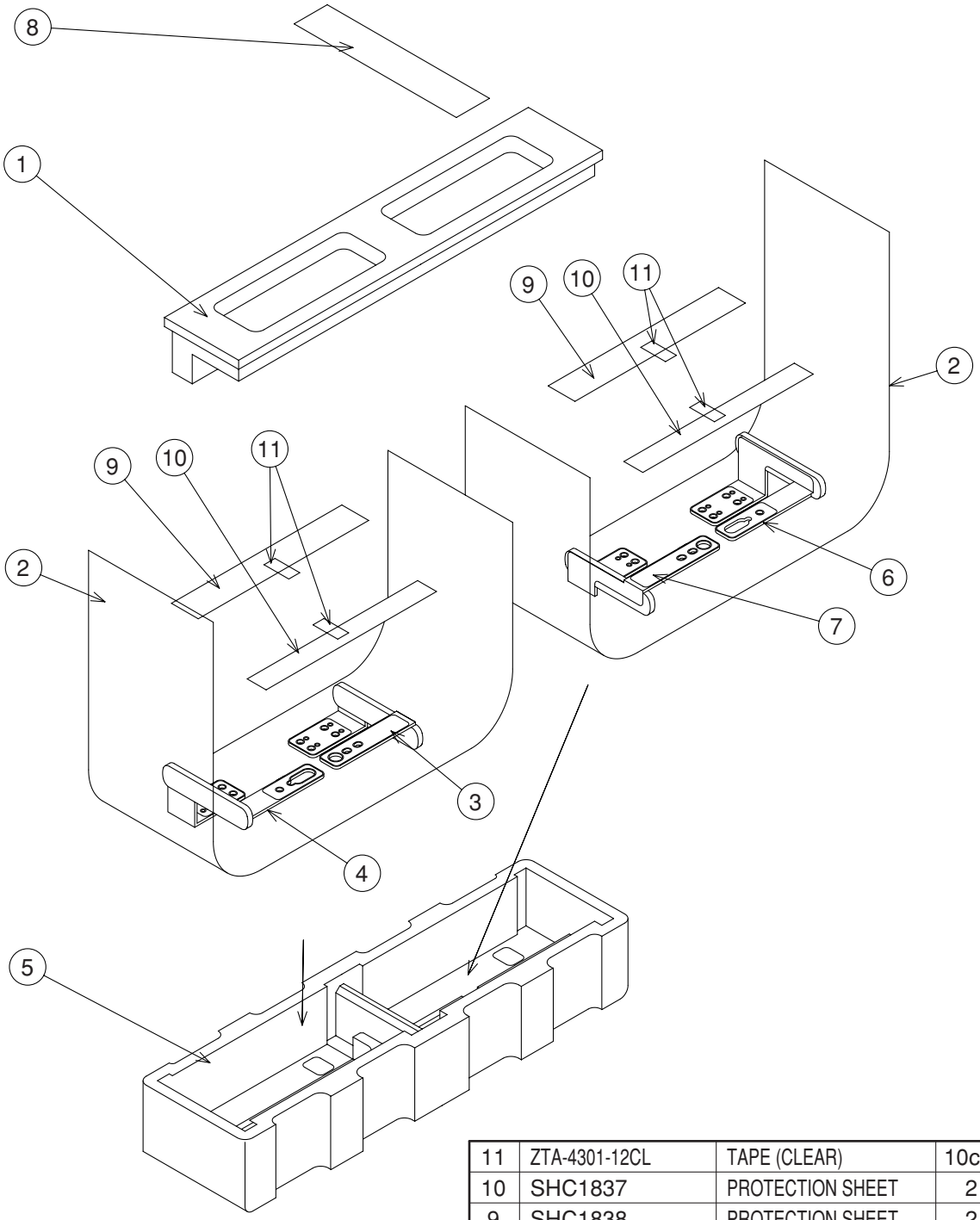
PACKING



13	TAPE 48mm	180cm	
12	CLEAR TAPE 12mm	8cm	L: Yellow , R: Green
11	ACCESSORIES SET	1	SME3676
10	PROTECTOR	1	SHB1169
9	SERIAL BARCORD LABEL	2	SRW1087
8	PACKING CASE	1	SHG2680 (for XIN/E5 type), SHG2686 (for XIN/CN5 type)
7	FOAM PAD	2	SHA2512
6	SPEAKER SYSTEM L,R	1set	
5	PACKING BAG S2	2	SHL1363
4	PROTECTOR	1	SHB1168
3	BRACKET ASSY SET	1	SME3679
2	INST.MANUAL SET	1	SME3675 (for XIN/E5 type), SME3682 (for XIN/CN5 type)
1	GASKET SET	1	SME3674
No.	PART NAME	NUM.	PART NO.

BRACKET ASSY SET

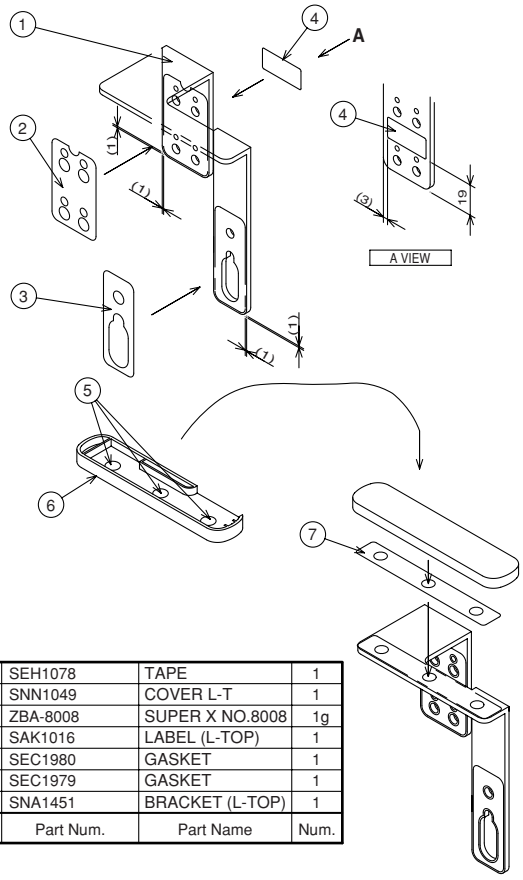
(SME3679)



No.	Part Num.	Part Name	Num.
11	ZTA-4301-12CL	TAPE (CLEAR)	10cm
10	SHC1837	PROTECTION SHEET	2
9	SHC1838	PROTECTION SHEET	2
8	ZTA-4301-48CL	TAPE (CLEAR)	35cm
7	SXG1087	BRACKET(L-BOT)ASS'Y	1
6	SXG1086	BRACKET(L-TOP)ASS'Y	1
5	SHA2514	CASE	1
4	SXG1088	BRACKET(R-TOP)ASS'Y	1
3	SXG1089	BRACKET(R-BOT)ASS'Y	1
2	SHC1831	PROTECTION SHEET S1	2
1	SHA2513	CASE	1

BRACKET (L-TOP) ASSY

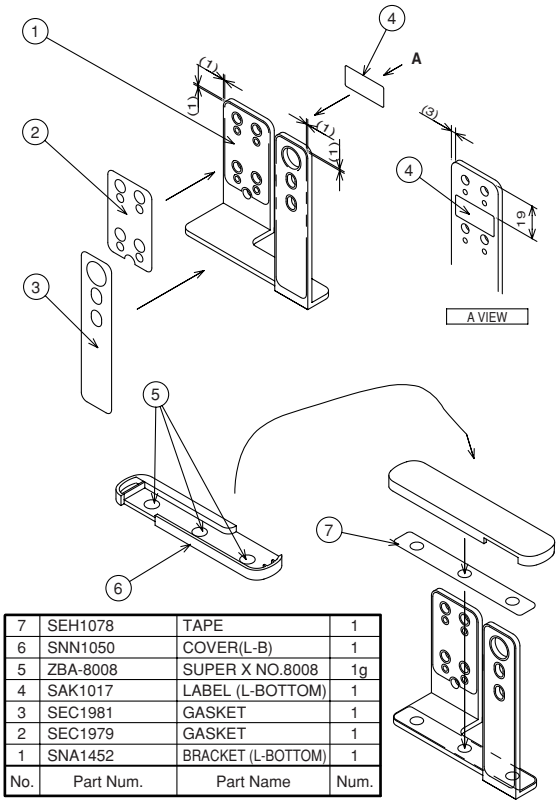
(SXG1086)



No.	Part Num.	Part Name	Num.
7	SEH1078	TAPE	1
6	SNN1049	COVER L-T	1
5	ZBA-8008	SUPER X NO.8008	1g
4	SAK1016	LABEL (L-TOP)	1
3	SEC1980	GASKET	1
2	SEC1979	GASKET	1
1	SNA1451	BRACKET (L-TOP)	1

BRACKET (L-BOTTOM) ASSY

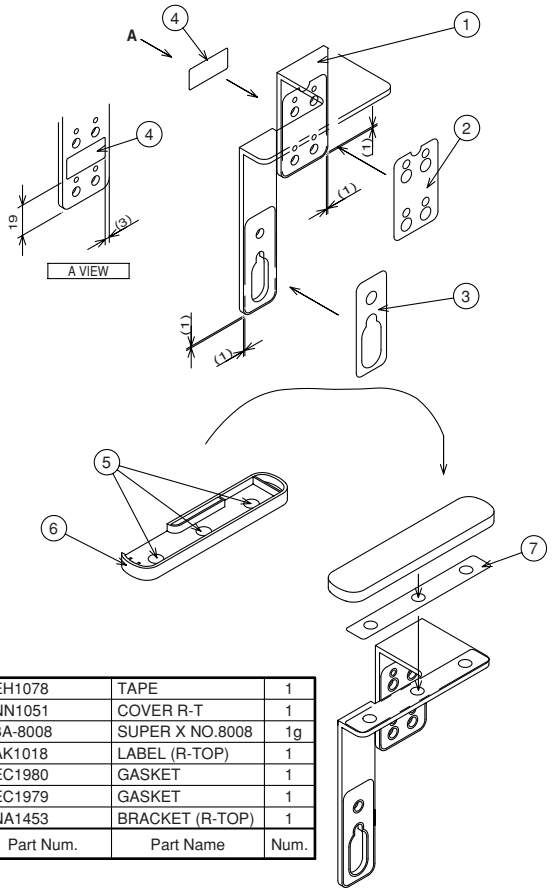
(SXG1087)



No.	Part Num.	Part Name	Num.
7	SEH1078	TAPE	1
6	SNN1050	COVER(L-B)	1
5	ZBA-8008	SUPER X NO.8008	1g
4	SAK1017	LABEL (L-BOTTOM)	1
3	SEC1981	GASKET	1
2	SEC1979	GASKET	1
1	SNA1452	BRACKET (L-BOTTOM)	1

BRACKET (R-TOP) ASSY

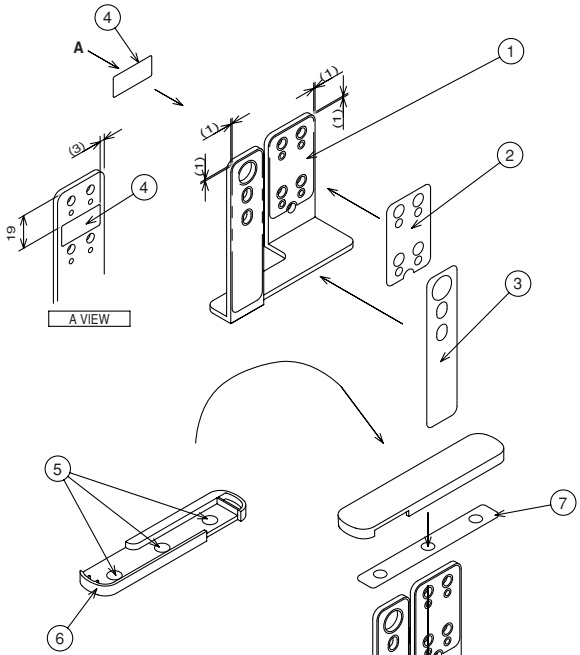
(SXG1088)



No.	Part Num.	Part Name	Num.
7	SEH1078	TAPE	1
6	SNN1051	COVER R-T	1
5	ZBA-8008	SUPER X NO.8008	1g
4	SAK1018	LABEL (R-TOP)	1
3	SEC1980	GASKET	1
2	SEC1979	GASKET	1
1	SNA1453	BRACKET (R-TOP)	1

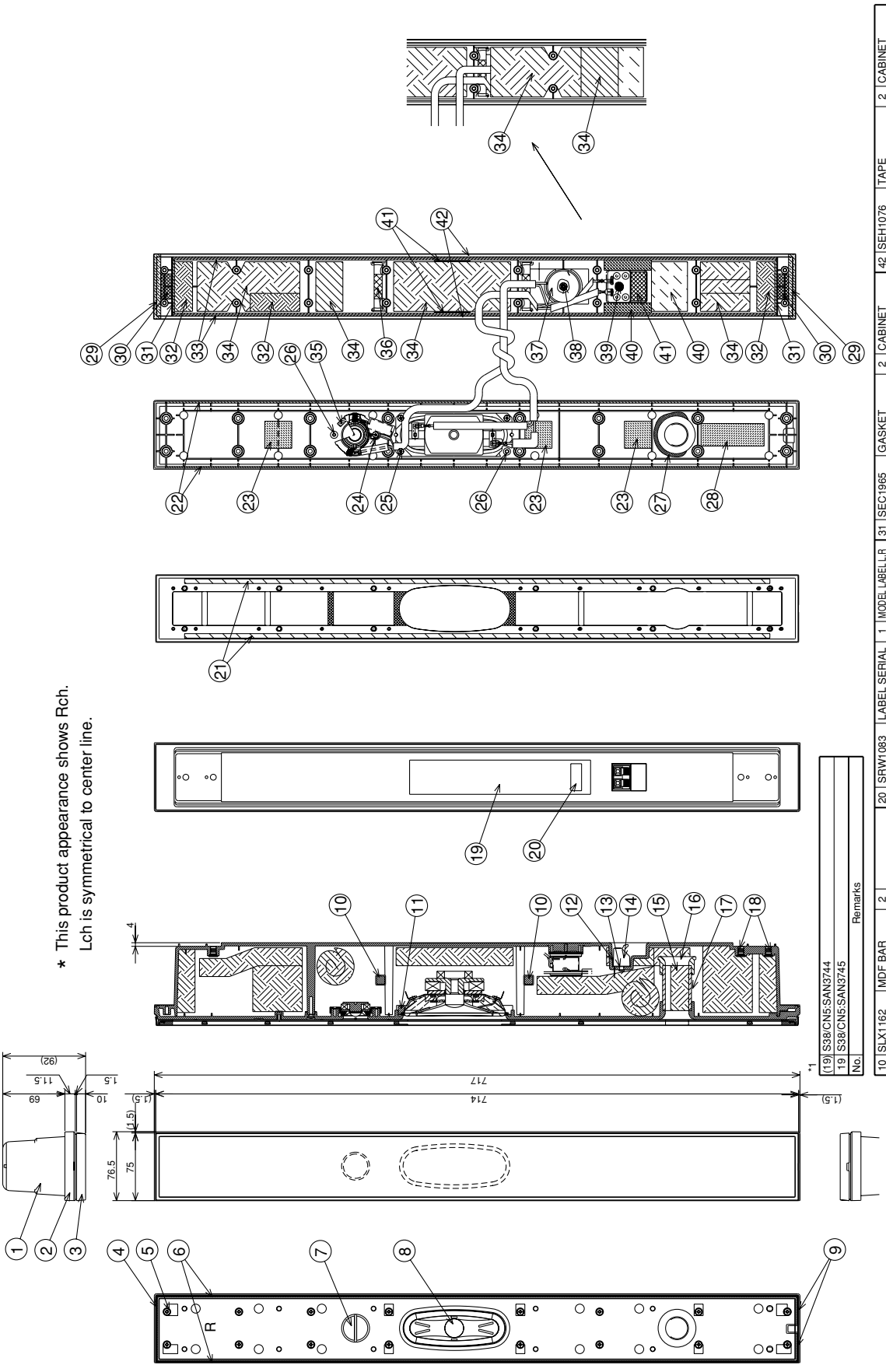
BRACKET (R-BOTTOM) ASSY

(SXG1089)



No.	Part Num.	Part Name	Num.
7	SEH1078	TAPE	1
6	SNN1052	COVER(R-B)	1
5	ZBA-8008	SUPER X NO.8008	1g
4	SAK1019	LABEL (R-BOTTOM)	1
3	SEC1981	GASKET	1
2	SEC1979	GASKET	1
1	SNA1454	BRACKET (R-BOTTOM)	1

PRODUCT APPEARANCE



No.	Remarks
(19)	S38/CN5:SAN3744
19	S38/CN5:SAN3745

No.	Part No.	Part Name	Num.	Remarks
10	SLX1162	MDF BAR	2	
9	SEC1971	GASKET	2	BAFFLE
8	H12DC65-51F	WOOFER	1	
7	FK28AP32-51L	TWEETER	1	
6	SEC1970	GASKET	2	BAFFLE
5	BPZ40P100FTB	SCREW	16	BAFFLE-CABINET
4	SEC1969	GASKET	1	BAFFLE
3	SMG1854	GRILLE ASS'Y	1	
(2)	SNK2898	BAFFLE (L)	1	S36:SNK2918
2	SNK2897	BAFFLE (R)	1	S36:SNK2917
1	SNK2899	CABINET	1	

No.	Part No.	Part Name	Num.	Remarks
20	SRW1083	LABEL SERIAL	1	MODEL LABEL L,R
(19)	(SAN3748)	MODEL LABEL(L)	1	*1
19	SAN3749	MODEL LABEL(R)	1	*1
18	SBN1056	INSERT NUT M5	4	CABINET
17	SMR1396	PORT TUBE 26	1	
16	SMR1382	PORT TUBE RING 26	1	
15	SED1133	FELT	1	PORT TUBE 26
14	SKX1097	INPUT TERMINAL	1	
13	SEC1724	GASKET	1	INPUT TERMINAL
12	SEB1255	GASKET	1	INPUT TERMINAL
11	SED1123	FELT	4	WF-FRAME

No.	Part No.	Part Name	Num.	Remarks
31	SEC1965	GASKET	2	CABINET
30	SEB1294	GASKET	2	CABINET
29	SEC1967	GASKET	2	CABINET
28	SEB1295	GASKET	1	BAFFLE
27	SMT1243	ACOUSTIC ABSORBENT	1	CABINET
26	SEB1244	PACKING	6	BAFFLE
25	BPZ35P080FTB	SCREW	4	WOOFER
24	BPZ30P080FTB	SCREW	2	TWEETER
23	SEB1296	GASKET	3	BAFFLE
22	SEC1972	GASKET	2	BAFFLE
21	SEH1077	TAPE	2	GRILLE ASS'Y

No.	Part No.	Part Name	Num.	Remarks
42	SEH1076	TAPE	2	CABINET
41	SED1113	FELT	3	CABINET
40	SMT1299	ACOUSTIC ABSORBENT	3	BAFFLE
39	BPZ35P140FTB	SCREW	1	INPUT TERMINAL
38	BPZ40P300FTB	SCREW	1	NW COIL
37	SWN1755	NETWORK ASS'Y	1	
36	SEC1973	GASKET	2	MDF BAR
35	SEC1968	GASKET	4	BAFFLE (TW)
34	SMT1298	ACOUSTIC ABSORBENT	6	CABINET
33	SEC1966	GASKET	2	CABINET
32	SMT1297	ACOUSTIC ABSORBENT	3	CABINET